Multi-User, Multi-Tasking, Variable Architecture Computer System

Ford Higgins Ltd.

- Choice of Architecture: PDP-11 or M68000
- Attached Expansion Modules
- Instant Access to Internal Modules
- Choice of Operating System
- Fixed/Removable Cartridge Disk Storage
- Up to 4 MB Dynamic RAM
- Aesthetically Designed for Office Environment

Ford Higgins Ltd.

Ford-Higgins Ltd. brings unprecedented configuration and packaging flexibility to system integrators and volume end-users who need a basic office system that is expandable across the total price/performance range from microcomputers to mainframes.

The first two models in the product family are built around a PDP-11/23+ processor with standard DEC operating systems or an M68000 CPU with UNIX. The narrow-profile, pedestal systems are designed to stand alone or fit snugly under desk or work station. Expansion modules containing additional disk storage and card-cage capacity, may be attached at any time. The chassis is independent of the system enclosure and slides out like a drawer for maintenance.

The basic system offers 256KB of RAM memory and 40MB of on-line disk storage. A removable disk cartridge, with 20MB of storage capacity, provides data file and software transportability, enables a rapid shift from one task to another, and offers random access to backup or archival files.

Front views with and without cover

Basic Configuration
Central Processing Unit
Operating System
256KB of dynamic RAM memory
9-slot wire chassis
Dual ports
400-watt power supply
Winchester disk controller
40MB disk storage (20 fixed/20 removable)
Cooling fans

Processor Options
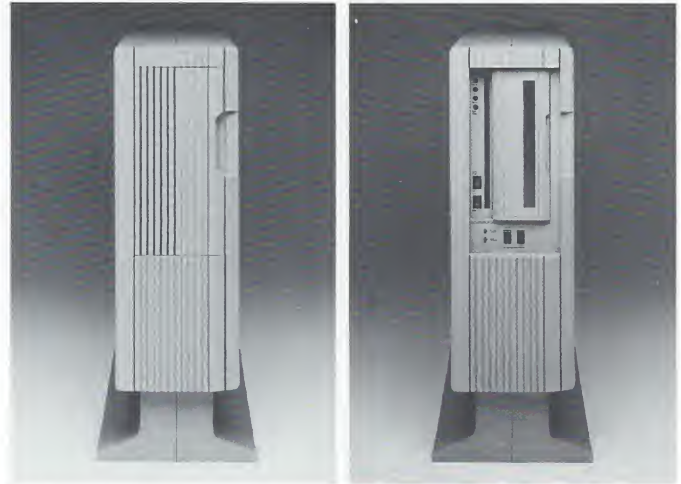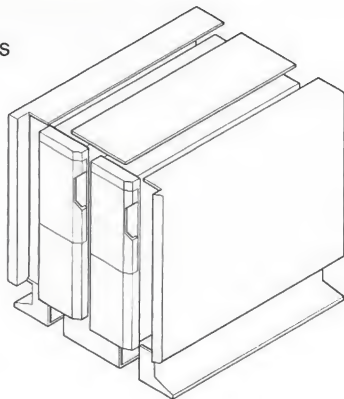PDP-11/23+ (upgradable)
M68000

Operating Software Options
RSTS
RT-11
RSX
UNIX

Physical Specifications
Height: 23 inches
Depth: 30 inches
Width: 7 inches (10-inches at base with pedestal)
Standard RETMA rack module is 5¼"H x 19"W x 26" D.

Electronic Specifications
120 Vac nominal:
    90-128 Vac, 47-63 Hz
    4.4 A typical, 6.0 A maximum
240 Vac nominal:
    180-256 Vac, 47-63 Hz
    2.2 A typical, 4.0 A maximum
320 W at rated power supply output
7 A fuse

Environmental Specifications
15°-32° Celsius (59°-90° Fahrenheit), operating
    −40°-60° Celsius (−40°-151° Fahrenheit), non-operating
20%-80% relative humidity, operating
    10%-95% relative humidity, nonoperating
260 W typical, 320 W maximum heat dissipation
    Meets FCC EMI/RFI requirements for a Class A
    computing device

Expansion Module
9-slot expansion chassis (optional)
40MB fixed/removable disk drive or
    160MB fixed-only disk drive
I/O boards for port expansion in increments of 8
Overall Dimensions (primary unit plus expansion module)
    Height: 23 inches
    Depth: 30 inches
    Width: 12.25 inches (15.25 inches at base with pedestal)

Field installed
expansion modules

PDP-11, DEC, RSTS, RT-11, and RSX are registered trademarks of Digital Equipment Corporation.
UNIX is a registered trademark of Bell Laboratories.